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CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE DIVISION
PHOTOGRAPHIC INTELLIGENCE REPORT

**ASSESSMENT OF STATUS OF BOMBED BRIDGES
NORTH VIETNAM**

CIA/PIR-5007/65

JUNE 1965



Declass Review by NIMA/DOD

WARNING

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CIA/PIR-5007/65

CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

ASSESSMENT OF STATUS OF BOMBED BRIDGES,
NORTH VIETNAM

1. This photo intelligence report is a study of the status of bombed bridges in North Vietnam and an assessment of repair work on these bridges or other compensative action taken by the North Vietnamese. A locator map (CIA/PID/IB-P-566/65) and an annotated photo of each bridge (CIA/PID/IB-P-567/65 thru P-587/65) are enclosed with this report.

2. An analysis of each bridge is as follows:

- A. Phuc Thiem Highway Bridge (CIA/PID/IB-P-567/65)
 - 1. Status: Destroyed
 - 2. Compensative Action: None apparent
- B. Khe Kien Highway Bridge (CIA/PID/IB-P-568/65)
 - 1. Status: Destroyed
 - 2. Compensative Action: Causeway with culvert
- C. Kim Cuong Highway Bridge West (CIA/PID/IB-P-569/65)
 - 1. Status: One span destroyed
 - 2. Compensative Action: Newly constructed ford
- D. Dong Hoi Highway Bridge (CIA/PID/IB-P-570/65)
 - 1. Status: Two spans destroyed, three spans severely damaged, one span moderately damaged.
 - 2. Compensative Action: Newly constructed ferry crossing
- E. Xom Phuong Highway Bridge (CIA/PID/IB-P-571/65)
 - 1. Status: Two bridges; west bridge - two spans destroyed, three spans dislocated; east bridge-four spans destroyed.
 - 2. Compensative Action: None
- F. My Duc Highway Bridge (CIA/PID/IB-P-572/65)
 - 1. Status: One span destroyed, one span dropped, approach damaged.
 - 2. Compensative Action: None apparent
- G. Thanh Yen Highway Bridge (CIA/PID/IB-P-573/65)
 - 1. Status: Damaged decking and truss members, one pier and two spans destroyed.
 - 2. Compensative Action: Reactivated ferry crossing
- H. Xom Gia Highway Bridge (CIA/PID/IB-P-574/65)
 - 1. Status: One span dropped
 - 2. Compensative Action: Newly constructed ferry crossing

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- I. Tho Son Highway Bridge (CIA/PID/IB-P-575/65)
 - 1. Status: One span destroyed, two spans superficially damaged
 - 2. Compensative Action: Newly constructed ferry crossing
- J. Tam Da Railroad & Highway Bridge (CIA/PID/IB-P-576/65)
 - 1. Status: Two spans destroyed, one span damaged, approaches damaged
 - 2. Compensative Action: Reactivated ferry crossing
- K. Ly Nhan Highway Bridge (CIA/PID/IB-P-577/65)
 - 1. Status: Approach cratered, two spans destroyed, one span severely damaged, one span moderately damaged, one span superficially damaged, and one pier severely damaged.
 - 2. Compensative Action: Reactivated ferry crossing
- L. Phuong Can Highway Bridge (CIA/PID/IB-P-578/65)
 - 1. Status: One span had been dropped. Dropped span has been replaced by temporary deck span for light traffic. Truss is under construction.
 - 2. Compensative Action: Reconstruction of Bridge underway, newly built ferry crossing near by.
- M. Qui Vinh Railroad Bridge (CIA/PID/IB-P-579/65)
 - 1. Status: Bridge severely damaged, one span dropped, approaches cratered.
 - 2. Compensative Action: The traffic that had previously used this bridge is now using a small newly constructed ferry crossing near by. Bomb craters in approaches have been filled in.
- N. Thanh Hoa Bridge (CIA/PID/IB-P-580/65)
 - 1. Status: Bombing had crimped one section of the bridge, destroyed three sections of the roadway, cut one member, and interdicted the east approach.
 - 2. Compensative Action: Pier supports have been installed under crimped section, the cut member has been patched, and the east approach has been improved. The rail portion of the bridge is being utilized as a road. This bridge is apparently able to support heavy truck traffic. There is a reactivated ferry crossing just south of the bridge.
- O. Dong Phong Thuong Railroad & Highway Bridge (CIA/PID/IB-P-581/65)
 - 1. Status: Bombing had collapsed center section of the bridge and interdicted the north approach.

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2. Compensative Action: A temporary deck span in place of the collapsed section. The dropped truss apparently being used to support the temporary deck. The interdicted approach has been filled. This bridge is apparently capable of supporting heavy traffic. A newly constructed ferry crossing is located just east of the bridge.

P. Trai Hoi Railroad Bridge (CIA/PID/IB-P-582/65)

1. Status: One span destroyed, one span damaged; NW approach destroyed.
2. Compensative Action: No work has been done on bridge. There is a ferry crossing adjacent to the west, probably used for local traffic.

Q. San Dinh Highway Bridge (CIA/PID/IB-P-583/65)

1. Status: Bridge destroyed
2. Compensative Action: None

R. Dien Chau Railroad Bridge (CIA/PID/IB-P-584/65)

1. Status: Two spans destroyed, south approach interdicted.
2. Compensative Action: None

S. Xom Ca Trang Highway Bridge North (CIA/PID/IB-P-585/65)

1. Status: Destroyed
2. Compensative Action: Newly constructed ford

T. Xom Ca Trang Highway Bridge (CIA/PID/IB-P-585/65)

1. Status: One span destroyed
2. Compensative Action: Previous ford reactivated

U. Bai Duc Thon Railroad & Highway Bridge (CIA/PID/IB-P-586/65)

1. Status: Approaches destroyed, minor truss damage.
2. Compensative Action: None

V. Bai Duc Thon Highway Bridge (CIA/PID/IB-P-587/65)

1. Status: One span destroyed, severe damage to entire bridge.
2. Compensative Action: New ford west of the bridge. Mission [REDACTED] shows span under repair nearing completion.

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REFERENCES

PHOTOGRAPHY 25X1D

MAPS OR CHARTS

Annotated locator map (Indochina terrain and transportation
50973 1-65)

REQUIREMENT

ORR C-RR5-82,566

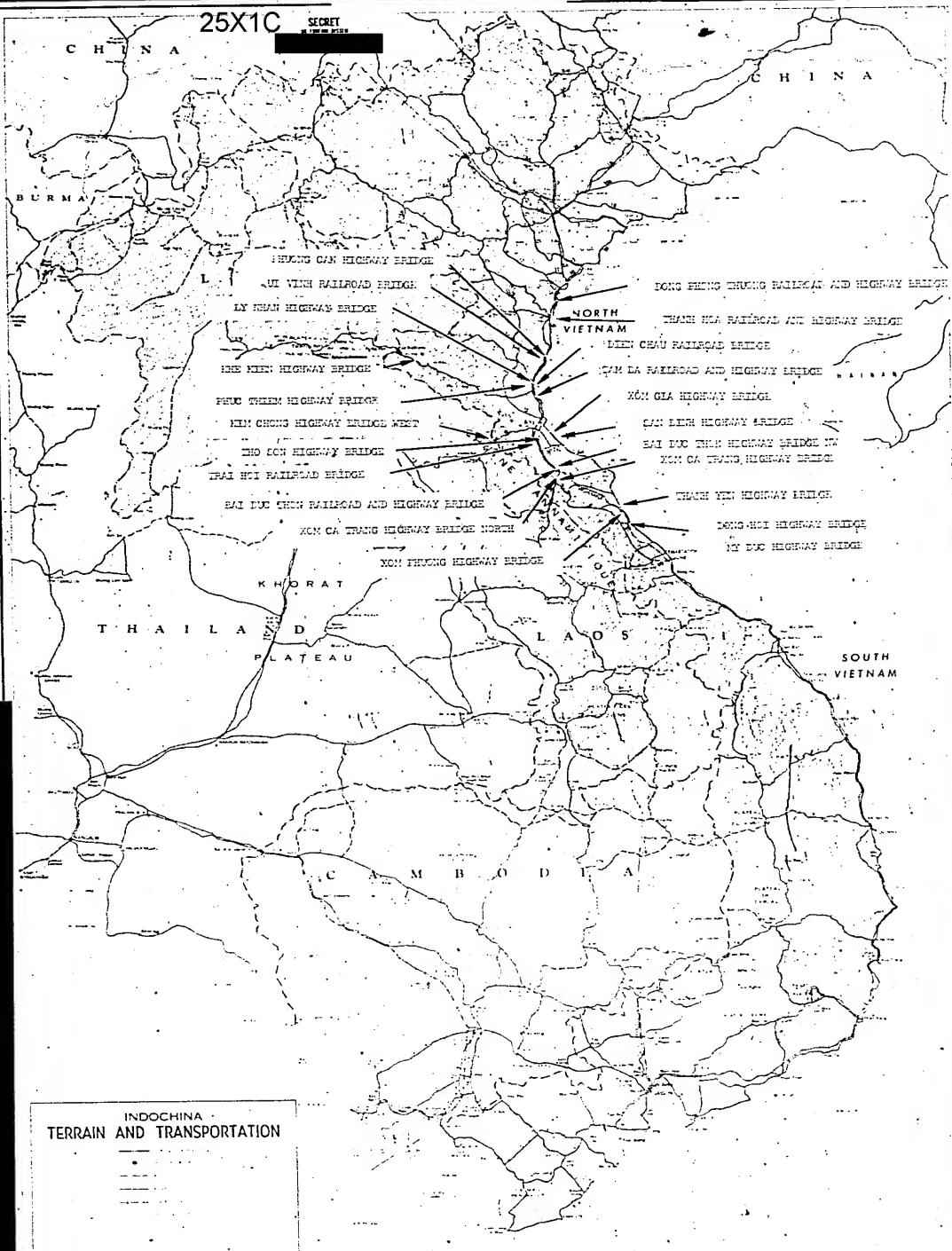
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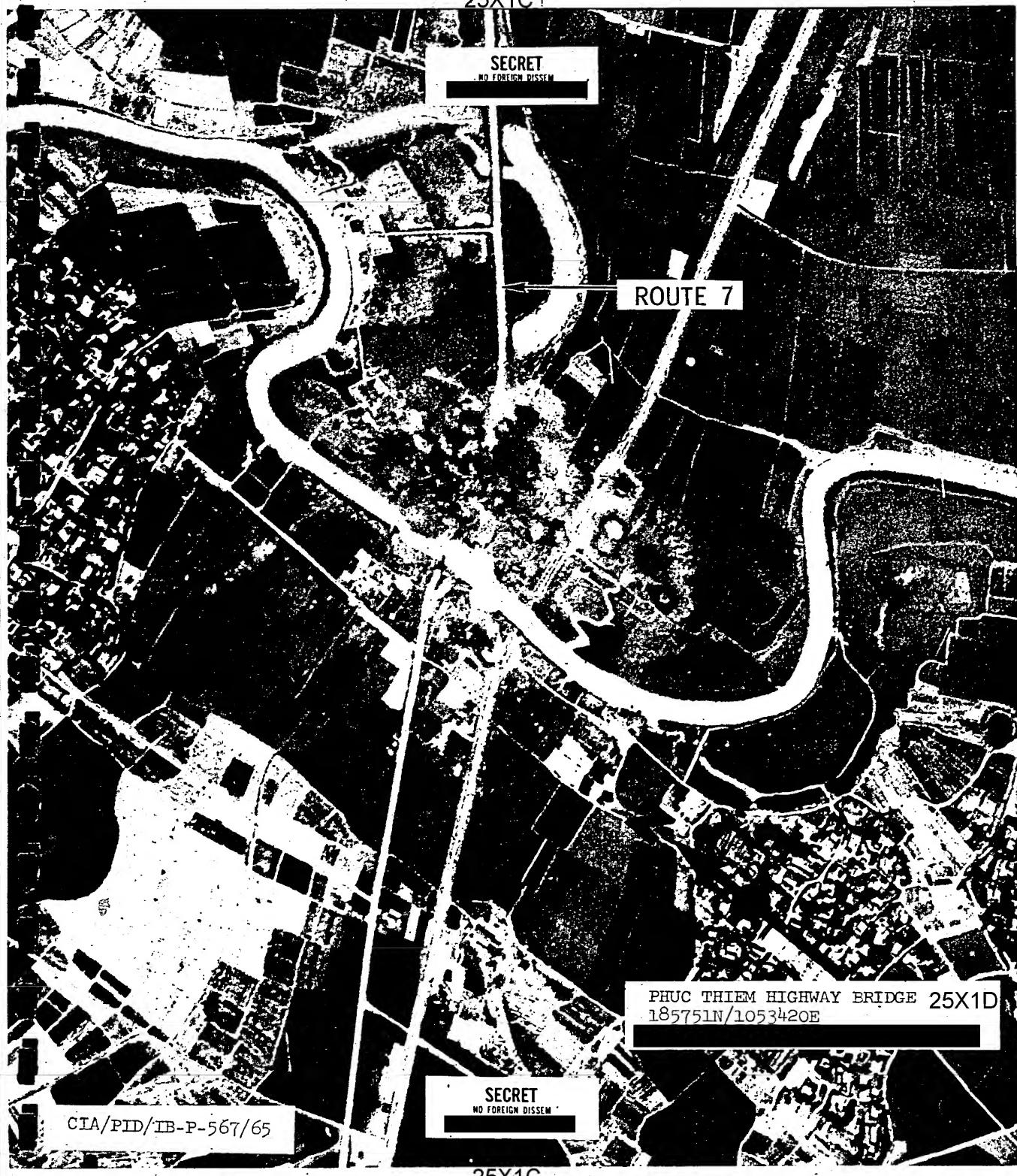


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TERRAIN AND TRANSPORTATION

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CAUSEWAY WITH CULVERT

ROUTE 7

KHE KIEN HIGHWAY BRIDGE 25X1D
191621N/1042117E

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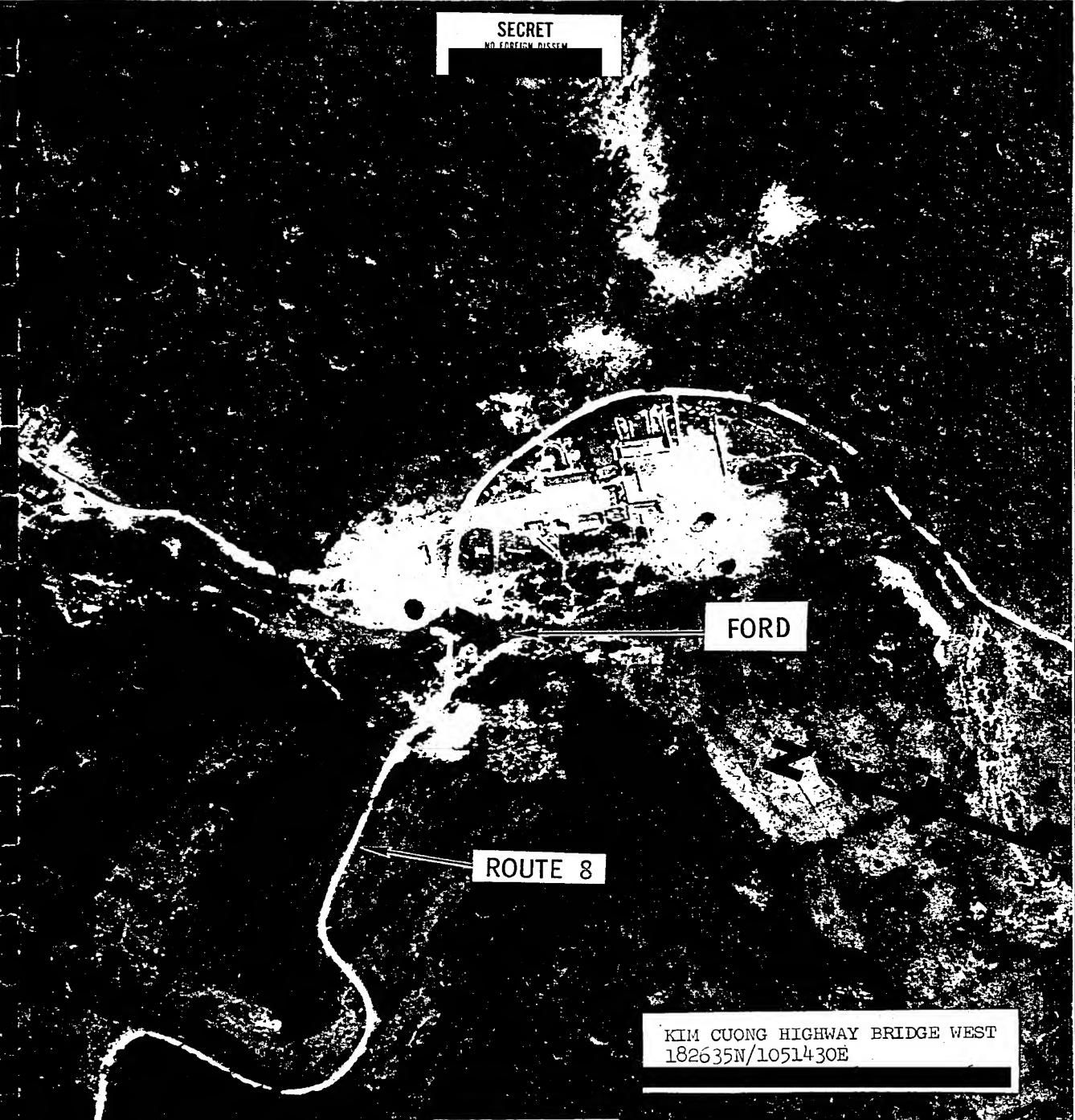
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CIA/PID/IB-P-568/65

25X1C

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FORD

ROUTE 8

KIM CUONG HIGHWAY BRIDGE WEST
182635N/1051430E

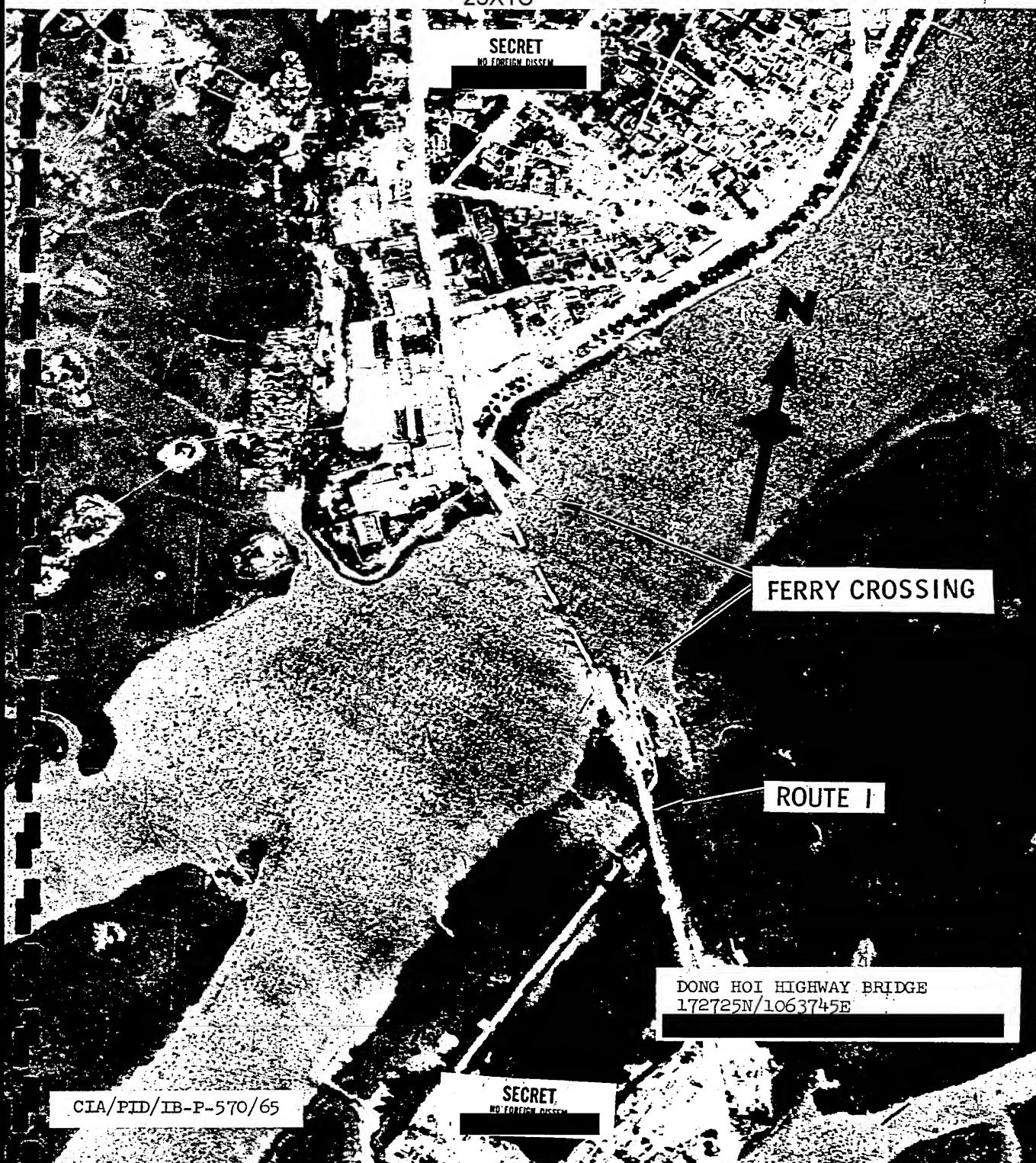
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CIA/PID/IB-P-569/65

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NO FOREIGN DISSEM

ROUTE 1

N

XOM PHUONG HIGHWAY BRIDGE
173248N/106330E

CIA/PID/IB-P-571/65

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NO FOREIGN DISSEM

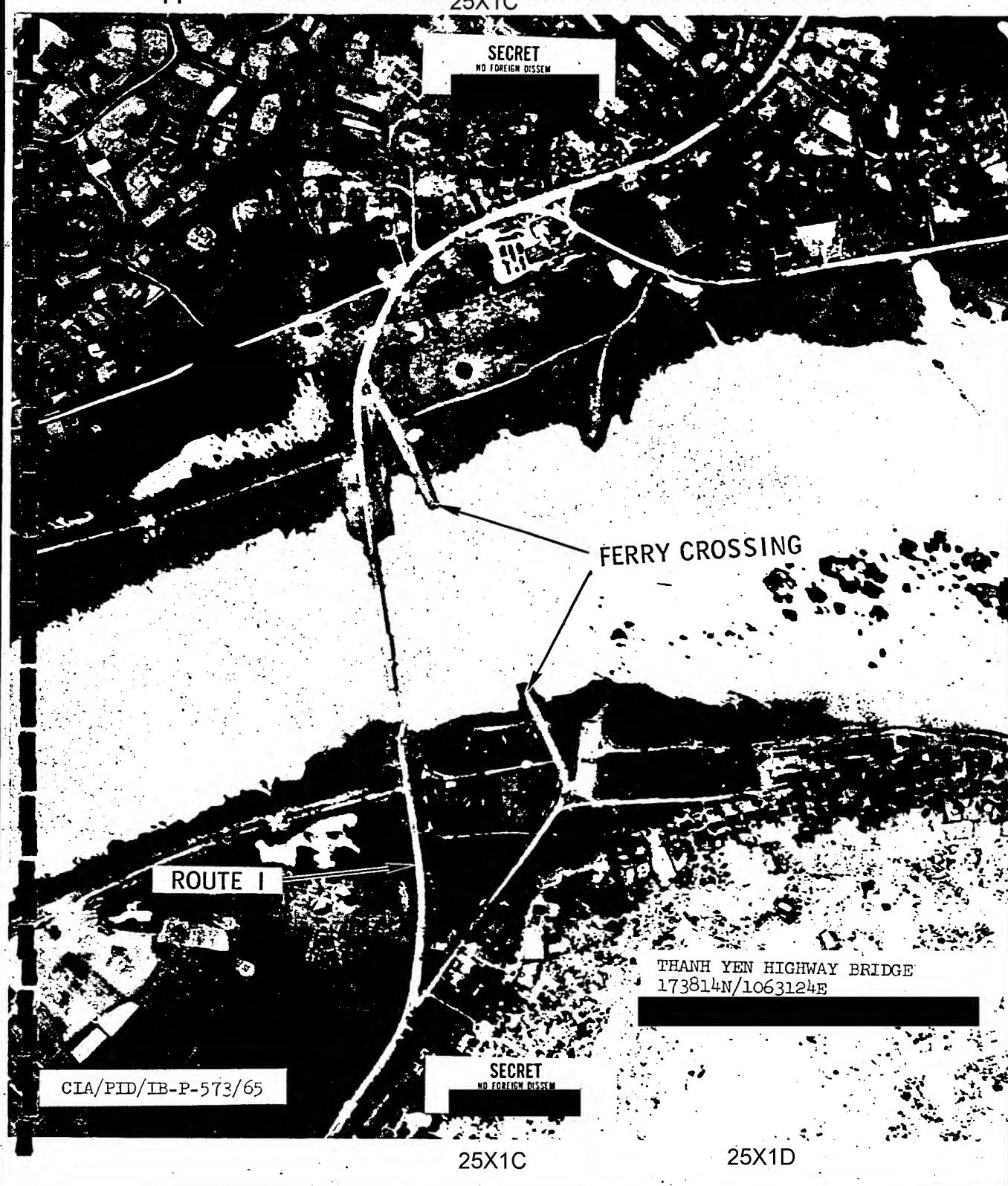
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NO FOREIGN DISSEM



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NO FOREIGN DISSEM

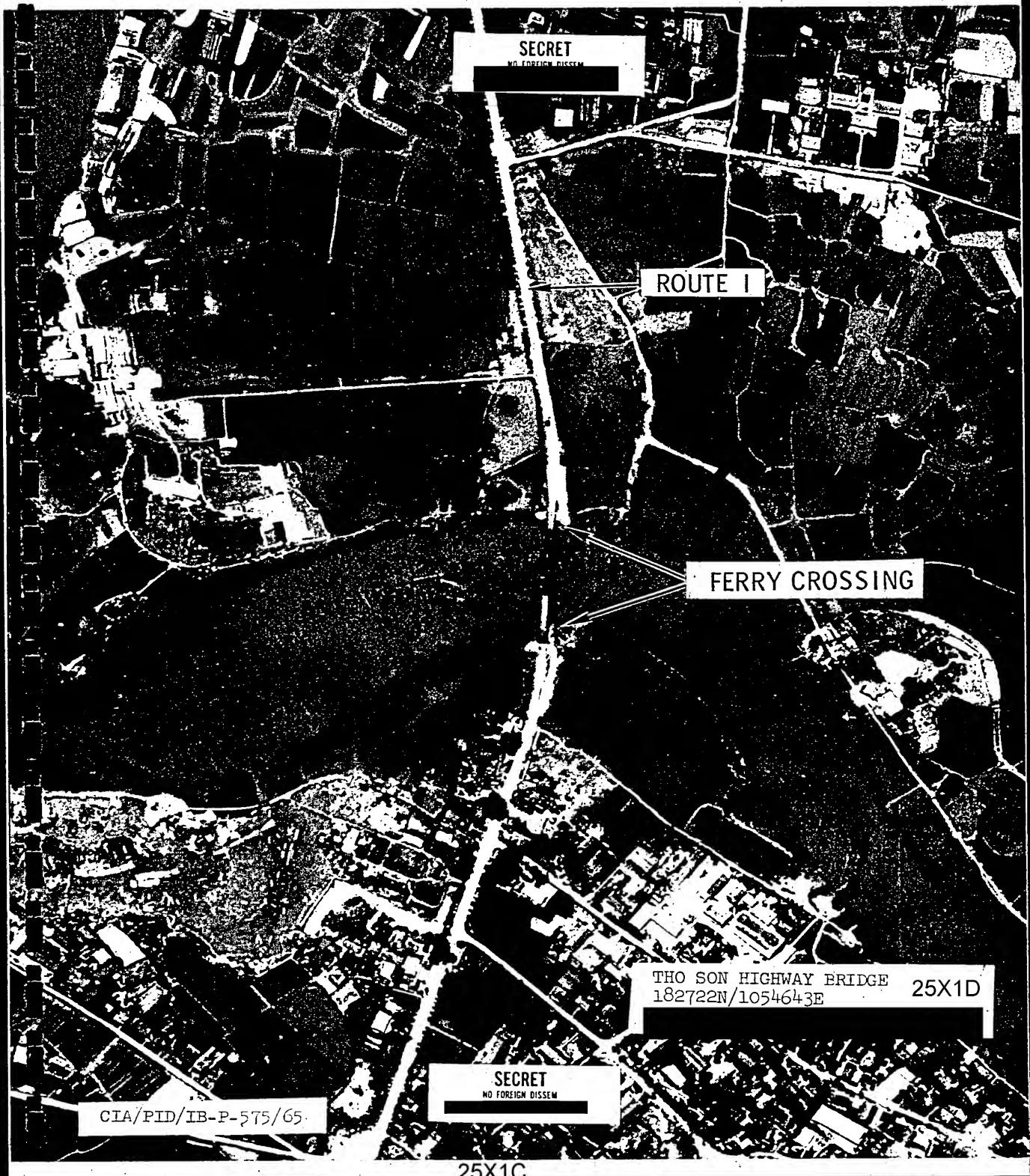
ROUTE 1

FERRY CROSSING

XOM GIA HIGHWAY BRIDGE
182502N/1054830E

CIA/PID/IB-P-574/65

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NO FOREIGN DISSEM



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SECRET
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ROUTE 1

FERRY CROSSING

TAM DA RAILROAD & HIGHWAY BRIDGE
185654N/1053915E

CIA/PID/IB-P-576/65

SECRET
NO FOREIGN DISSEM

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25X1D

25X1C

SECRET
NO FOREIGN DISSEM

ROUTE 1

FERRY CROSSING

LY NHAN HIGHWAY BRIDGE
190022N/1053530E

SECRET
NO FOREIGN DISSEM

CIA/PID/IB-P-577/65

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SECRET

NO FOREIGN DISSEM

ROUTE 1

PHUONG CAN HIGHWAY BRIDGE
191400N/1054200E

CIA/PID/IB-P-578/65

SECRET

NO FOREIGN DISSEM

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25X1C

SECRET
NO FOREIGN DISSEM

FILLED IN BOMB
CRATERS

FERRY CROSSING

QUI VINH RAILROAD BRIDGE
191545N/1054130E

CIA/PID/IB-P-579/65

SECRET
NO FOREIGN DISSEM

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25X1C
SECRET
NO FOREIGN DISSEM

IMPROVED APPROACH

FERRY CROSSING

RAILROAD PORTION OF BRIDGE
REPAIRED AND BEING UTILIZED
AS HIGHWAY BRIDGE. THIS IS
MORE EVIDENT ON NATE VI.

ROUTE I

CIA/PID/IB-P-580/65

THANH HOA BRIDGE
195012N/1054756E

25X1D

25X1D 25X1D

25X1C

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NO FOREIGN DISSEM

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NO FOREIGN DISSEM

TEMPORARY DECK SPAN IN PLACE
OF DESTROYED TRUSS SPAN. THE
DROPPED TRUSS SPAN USED TO
SUPPORT THE DECK.

ROUTE 1

FERRY CROSSING

DONG PHONG THUONG
RAILROAD AND HIGHWAY BRIDGE
195836N/1055054E 25X1D

CIA/PID/IB-P-581/65

SECRET
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SECRET

NO FOREIGN DISSEM

ABOUT 35km SOUTH
OF VINH

FERRY CROSSING

TRAI HOI RAILROAD BRIDGE
182137N/1053700E

CIA/PID/IB-P-582/65

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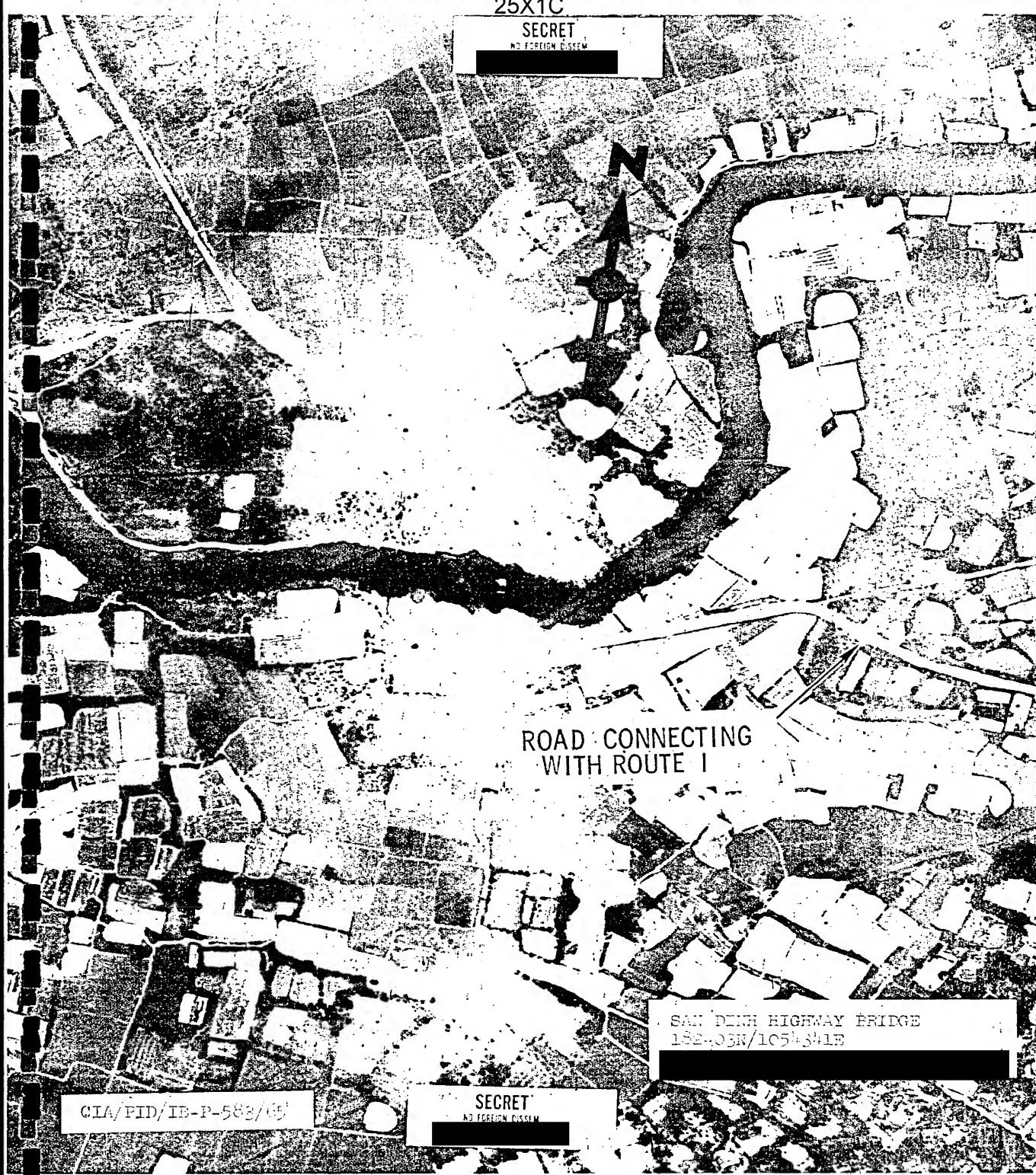
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CIA/PID/IB-P-583/15

SECRET

NO FOREIGN DISSEM

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25X1D

25X1C

SECRET
NO FOREIGN DISSEM

NEAR ROUTE 1

DIEN CHAU RAILROAD BRIDGE
185820N/105345E

CIA/PID/IB-P-584/65

SECRET
NO FOREIGN DISSEM

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25X1D

25X1C

SECRET



BRIDGE NORTH

ROUTE 12

XOM CA TRANG HIGHWAY BRIDGE NORTH
XOM CA TRANG HIGHWAY BRIDGE
175715N/1054855E

SECRET

CIA/PID/IB-P-585/65

25X1C

25X1D

25X1C

SECRET

NO FOREIGN DISSEM



CIA/PID/IB-P-586/65

SECRET

NO FOREIGN DISSEM

25X1C

25X1D

SECRET
NO FOREIGN DISSEM

SHOWS BRIDGE UNDER
REPAIR NEARING
COMPLETION.

ROUTE 12

FORD



BAI DUC THON HIGHWAY BRIDGE NW
180405N/1054930E

CIA/PID/IB-P-587/65

SECRET
NO FOREIGN DISSEM

25X1C

25X1D